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Magnetotactic bacterium; Magnetic field; Aggregation (Spormann, A.M. (45) 37)

Mucin
Coprostanol; Tryptic activity; Short-chain fatty acids; Beta-aspartylglycine; Microbiological analyses (Carlstedt-Duke, B. (45) 251)

Nematode
Trap formation; Morphogenesis; Attractant; Low nutrient salt medium; Nematophagous fungus (Saxena, G. (45) 319)

Nematophagous fungus
Trap formation; Morphogenesis; Attractant; Low nutrient salt medium; Nematode (Saxena, G. (45) 319)

Nitrate
Sediment, estuarine; Ammonium; Nitrate-reducing bacterium; Bacterial community (King, D. (45) 15)

Nitrate-reducing bacterium
Sediment, estuarine; Nitrate; Ammonium; Bacterial community (King, D. (45) 15)

Nitrogenase
Cold adaptation; *Rhizobium* symbiosis (Prévost, D. (45) 205)

Nitrogen fixation
Oscillatoria sp.; Light-dark cycle (Stal, L.J. (45) 227)

***Nocardia* sp.**
Isoprene; 1,3-Butadiene; Mono-oxygenase; Epoxidation (Van Ginkel, C.G. (45) 275)

Oesophagus
Epithelium; Microbial flora; (Microscopy) (Tannock, G. (45) 199)

Oligotrophic marine bacteria
Low-nutrient bacteria; Marine interfaces; Bioassay (Carlucci, A.F. (45) 211)

Organic carbon
Epilithic metabolism; (Colloidal); (Microcalorimetry); (River) (Ford, T.E. (45) 89)

***Oscillatoria* sp.**
Nitrogen fixation; Light-dark cycle (Stal, L.J. (45) 227)

Osmotic adjustment
Cyanobacteria; Microbial mat; Carbohydrates; Glucosylglycerol; Trehalose; Sucrose (Stal, L.J. (45) 305)

Osmotic shock
Binding proteins; Uptake kinetics (Mårdén, P. (45) 233)

Paracoccus denitrificans
Mass spectrometry; *Propionibacterium thoenii*; *Pseudomonas* spp. (Lloyd, D. (45) 185)

Parameter estimation
Heterotrophic activity; Water; Sediment (Choquet, C.G. (45) 59)

Persistence
Heat-resistant spore; Mortality of larva (Paily, K.P. (45) 313)

Phosphate limitation
Microcystis aeruginosa; Buoyancy; Gas vesicle; Chemostat (Konopka, A. (45) 135)

Photosynthesis
Microcoleus chtonoplastes; Sulphide; Thiosulphate; (Sulphide oxidation) (De Wit, R. (45) 7)

Pigment analysis
Microbial mat; Cyanobacterium; Purple sulphur bacterium; Green sulphur bacterium; Ultrastructure; Electron microscopy; Sediment-microorganism relationship (Nicholson, J.A.M. (45) 343)

Pigment synthesis
Yield; Affinities for thiosulfate and oxygen; Continuous culture; Transient state (De Wit, R. (45) 117)

Polluted snow
Soil bacteria; Snowmelt; Acidic deposition; Functional properties; Community change (Thompson, I.P. (45) 269)

Polyethylene glycol (PEG) graft copolymers
Anti-adhesive compounds; Hydrophilic substrata (Humphries, M. (45) 297)

Polysaccharide fermentation
Gut microflora; Volatile fatty acid; Faecal bacterium (Englyst, H.N. (45) 163)

Propionibacterium thoenii
Mass spectrometry; *Paracoccus denitrificans; Pseudomonas* spp. (Lloyd, D. (45) 185)

Protoplasts
Aureobasidium pullulans; Heavy metals (Gadd, G.M. (45) 261)

Pseudomonas aeruginosa
Sediment, salt-marsh; Assay, microbiological; Total organic carbon (Nedwell, D.B. (45) 47)

***Pseudomonas* spp.**
Mass spectrometry; *Paracoccus denitrificans; Propionibacterium thoenii* (Lloyd, D. (45) 185)

***Pseudomonas* sp. strain P51**
Biodegradation; Xenobiotic compound; Inoculation study; River water (Van der Meer, J.R. (45) 333)

Purple sulphur bacterium
Microbial mat; Cyanobacterium; Green sulphur bacterium; Ultrastructure; Pigment analysis; Electron microscopy; Sediment-microorganism relationship (Nicholson, J.A.M. (45) 343)

Bacteriochlorophyll; Anoxygenic photosynthesis; Green sulphur bacterium; Cyanobacterium (Pierson, B. (45) 365)

***Pyrrhocoris apterus* (L.)**
Symbiosis; *(Streptococcus); (Hafnia)* (Haas, F. (45) 99)

Rate of growth initiation of parent cells
Growth equation; First order reaction kinetics; Microcultural study; Lag time (Mochizuki, M. (45) 291)

Rhizobium leguminosarum
Soil; Survival (Jensen, E.S. (45) 221)

Rhizobium sp.
Cowpea; Soil, tropical; (Growth, Survival) (Aarons, S. (45) 77)

Competition; Soil; Inoculation; (Mung bean) (Rangarajan, M. (45) 85)

Rhizobium symbiosis
Nitrogenase; Cold adaptation (Prévost, D. (45) 205)

River water
Biodegradation; Xenobiotic compound; Inoculation study; *Pseudomonas* sp. strain P51 (Van der Meer, J.R. (45) 333)

Seasonal changes
H_2-competition; Interspecies H_2 transfer; Syntrophic associations; In situ H_2 concentrations (Conrad, R. (45) 107)

Seawater
Copiotrophic bacteria; Cadmium; Starvation (Nyström, T. (45) 143)

Sediment
Heterotrophic activity; Parameter estimation; Water (Choquet, C.G. (45) 59)

Sediment, estuarine
Nitrate; Ammonium; Nitrate-reducing bacterium; Bacterial community (King, D. (45) 15)

Sediment-microorganism relationship
Microbial mat; Cyanobacterium; Purple sulphur bacterium; Green sulphur bacterium; Ultrastructure; Pigment analysis; Electron microscopy (Nicholson, J.A.M. (45) 343)

Sediment, salt-marsh
Pseudomonas aeruginosa; Assay, microbiological; Total organic carbon (Nedwell, D.B. (45) 47)

Short-chain fatty acids
Mucin; Coprostanol; Tryptic activity; Beta-aspartylglycine; Microbiological analyses (Carlstedt-Duke, B. (45) 251)

Snowmelt
Soil bacteria; Polluted snow; Acidic deposition; Functional properties; Community change (Thompson, I.P. (45) 269)

Soil
Rhizobium sp.; Competition; Inoculation; (Mung bean) (Rangarajan, M. (45) 85)

Rhizobium leguminosarum; Survival (Jensen, E.S. (45) 221)

Soil bacteria
Polluted snow; Snowmelt; Acidic deposition; Functional properties; Community change (Thompson, I.P. (45) 269)

Soil, tropical
Rhizobium sp.; Cowpea; (Growth, Survival) (Aarons, S. (45) 77)

Stability
Ethene-utilizing bacteria; Growth; Compost (Van Ginkel, C.G. (45) 65)

Starter cultures
Amino acids; Limited growth; Milk (Hugenholtz, J. (45) 191)

Starvation
Copiotrophic bacteria; Cadmium; Seawater (Nyström, T. (45) 143)

Alteromonas denitrificans; Survival (Nissen, H. (45) 173)

Stickland reaction
Alanine; Glycine; Metabolism; *Clostridium sporogenes*; Syntrophism; Interspecies H_2 transfer; Methanogenic bacterium (Winter, J. (45) 153)

Sucrose
Cyanobacteria; Microbial mat; Osmotic adjustment; Carbohydrates; Glucosylglycerol; Trehalose (Stal, L.J. (45) 305)

Sulphide
Microcoleus chtonoplastes; Photosynthesis; Thiosulphate; (Sulphide oxidation) (De Wit, R. (45) 7)

Survival
Alteromonas denitrificans; Starvation (Nissen, H. (45) 173)

Rhizobium leguminosarum; Soil (Jensen, E.S. (45) 221)

Symbiosis
Pyrrhocoris apterus (L.); (*Streptococcus*); *(Hafnia)* (Haas, F. (45) 99)

Syntrophic anaerobic bacteria
Dialysis culture (Stieb, M. (45) 71)

Syntrophic associations
H_2-competition; Interspecies H_2 transfer; In situ H_2 concentrations; Seasonal changes (Conrad, R. (45) 107)

Syntrophism
Alanine; Glycine; Stickland reaction; Metabolism; *Clostridium sporogenes*; Interspecies H_2 transfer; Methanogenic bacterium (Winter, J. (45) 153)

Tetrazolium salt
Microbial activity; Anaerobic settlement; Hydrogen evolution (Oren, A. (45) 127)

Thermodynamics
H_2 turnover; Methanogenesis; Acetogenesis; H_2 syntrophy; H_2 in lake water (Conrad, R. (45) 243)

Thiosulphate
Microcoleus chtonoplastes; Photosynthesis; Sulphide; (Sulphide oxidation) (De Wit, R. (45) 7)

Total organic carbon
Pseudomonas aeruginosa; Sediment, salt-marsh; Assay, microbiological (Nedwell, D.B. (45) 47)

Transient state
Pigment synthesis; Yield; Affinities for thiosulfate and oxygen; Continuous culture (De Wit, R. (45) 117)

Trap formation
Morphogenesis; Attractant; Low nutrient salt medium; Nematode; Nematophagous fungus (Saxena, G. (45) 319)

Trehalose
Cyanobacteria; Microbial mat; Osmotic adjustment; Carbohydrates; Glucosylglycerol; Sucrose (Stal, L.J. (45) 305)

Tryptic activity
Mucin; Coprostanol; Short-chain fatty acids; Beta-aspartylglycine; Microbiological analyses (Carlstedt-Duke, B. (45) 251)

Ultrastructure
Microbial mat; Cyanobacterium; Purple sulphur bacterium; Green sulphur bacterium; Pigment analysis; Electron microscopy; Sediment-microorganism relationship (Nicholson, J.A.M. (45) 343)

Uptake kinetics
Binding proteins; Osmotic shock (Mårdén, P. (45) 233)

Volatile fatty acid
Gut microflora; Polysaccharide fermentation; Faecal bacterium (Englyst, H.N. (45) 163)

Water
Heterotrophic activity; Parameter estimation; Sediment (Choquet, C.G. (45) 59)

Xenobiotic compound
Biodegradation; Inoculation study; *Pseudomonas* sp. strain P51; River water (Van der Meer, J.R. (45) 333)

Yield
Pigment synthesis; Affinities for thiosulfate and oxygen; Continuous culture; Transient state (De Wit, R. (45) 117)